

EDEL'SHTEYN, A.Ya.; PIAVNIK, G.I.

Role of the dynamics of underground waters in the formation and
disintegration of gas and oil pools. Izv. AN Mold. SSR no.8:3-17
'63. (MIRA 18:5)

DRUNYA, Anatoliy Vasil'yevich, kand. geol.-miner. nauk; USTIEOVA,
Tat'yana Ivanovna, kand. geogr. nauk; SHCHUKIN, Yuriy
Konstantinovich; EDEL'SHTEYN, A.Ya., kand. geol.-miner.
nauk, red.; MAL'TSEVA, L., red.

[Problems of the tectonics and seismology of Moldavia] Problemy
tektoniki i seismologii Moldavii. Kishinev, Kartia moldo-
veniaske. No.2. 1964. 119 p. (MIRA 19:1)

POFOVA, A.A.; EDL'SHCHIN, A.Ye.

Practice in studying spore-pollen remains in petroleum of
the Valensk oil field. Izv. AN Mold. SSR no. 7:75-80 '64.
(MIRA 18:12)

BOBRINSKIY, V.M.; BUKATCHUK, P.D.; BURGELYA, N.K.; DRUMYA, A.V.;
KAPTSAN, V.Kh.; MAKARESKU, V.S.; NEVRYANSKIY, D.G.;
NEGADAYEV-NIKONOV, K.N.; PERES, F.S.; ROMANOV, L.F.;
ROSHKA, V.Kh.; SAFAROV, E.I.; SAYANOV, V.S.; SOBETSKIY,
V.A.; TKACHUK, V.A.; KHUBKA, A.N.; EDEL'SHTEYN, A.Ya.;
LUTOKHIN, I., red.

[Paleogeography of Moldavia] Paleogeografia Moldavii.
Kartia, moldoveniaske, 1965. 145 p. (MIRA 18:9)

1. Otdel palenotologii i stratigrafii AN Moldavskoy SSR
(for Negadayev-Nikonov, Roshka, Romanov, Sobetskiy, Khubka).
2. Institut geologii i poleznykh iskopayemykh Gosudarstvennogo
geologicheskogo komiteta SSSR (for Bobrinskiy, Burgelya,
Nevryanskiy, Tkachuk, Edel'shteyn).
3. Opornaya seysmostantsiya
AN Moldavskoy SSR (for Drumya).
4. Gosudarstvennyy proizvod-
stvennyy geologicheskoy Komitet Moldavskoy SSR (for Bukatchuk,
Kapsan, Safarov).

BOBRINSKAYA, O.G.; BOBRINSKIY, V.M.; BUKATCHUK, P.D.; DANICH, M.M.;
KAPTSAN, V.Kh.; NEGADAYEV-NIKONOV, K.N.; POPOVA, T.V.;
ROSHKA, V.Kh.; SAFAROV, E.I.; SOBETSKIY, V.A.; EDEL'SHTEYN,
A, Ya.; BURGELYA, N.K., red.; DRUMYA, A.V., red.; KUZNETSOVA,
E., red.

[Stratigraphy of sedimentary formations in Moldavia] Strati-
grafiia osadochnykh obrazovani Moldavii. Kishinev, Kartia
moldoveniaske, 1964. 129 p. (MIRA 19:1)

1. Otdel paleontologii i stratigrafii AN Moldavskoy SSR (for
Bobrinskaya, Danich, Negadayev-Nikonov, Popova, Roshka,
Sobetskiy). 2. Institut geologii i poleznykh iskopayemykh,
gorod Kishinev (for Bobrinskiy, Edel'shteyn). 3. Upravleniye
geologii i okhrany neдр pri Sovete Ministrov Moldavskoy SSR
(for Bukatchuk, Kaptsan, Safarov).

ARTOBOLVSKII, I. I.; ZINOVYEV, V. A.; EDELSTEYN, B. V.
EDELSTEYN, B. V.

"Collected problems on Theory of Mechanisms and Machines," Ogiz, 1947, Moscow.

E. DEL'SHTAYN, B.V.

6

U S S R

*Artobolevskii, I. I., Zinov'ev, Vyac. A., i Edel'stein, B. V.
 Sbornik zadač po teorii mekhanizmov i mašin. [Collection of problems on the theory of mechanisms and machines.] 2d ed. Gosudarstv. Izdat. Tehn.-Teor. Lit., Moscow, 1951. 195 pp. 4.40 rubles. - F/W

Many recent Russian textbooks on mechanisms do not have problems needed for the engineering student. The present work fulfills this need. Answers are given in the back of the book and, depending upon the demands of the problem, are qualitative, numerical or graphical. The arrangement is by topic, following the works of the senior author. Each set of problems is preceded by a brief discussion of the general principles. The following topics suggest the scope of the work: kinematic pairs, composition of mechanisms, classification, degrees of freedom, trajectories, velocity and acceleration diagrams, centrodes, toothed mechanisms, design of mechanisms and cams, forces, friction, balancing of rotating mechanisms.

M. Goldberg.

EDEL'SHTEYN, B.V.

1. YEDEL'SHTEYN, B.V.

2. USSR (600)

4. Moments of Inertia

7. Determination of the moments of inertia of parts by means of an additional pendulum. Dokl. Ak. sel'khoz. 17, no. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

Edel'shteyn Boris Vital'yevich

ARTOBOL'SKIY, Ivan Ivanovich; ZINOV'YEV, Vyacheslav Andreyevich; ~~EDEL'SHTEYN~~
~~SHTEYN~~, Boris Vital'yevich; LEVANTOVSKIY, V.I., redaktor; MURASH'YA,
N.Ya., tekhnicheskii redaktor

[Problems in the theory of mechanisms and machines] Sbornik
zadach po teorii mekhanizmov i mashin. Izd. 3-e, perer.
Moskva, Gos.izd-vo tekhniko-teoret. lit-ry, 1955. 243 p.
(Mechanical engineering) (MLRA 9:2)

ZINOV'YEV, Vyach.; BESHOROV, A.P.; EDEL'SHTAYN, B.V., kand.
tekhn. nauk, retsenzent; MEYNGARD, S.A., red.

[Fundamentals of the dynamics of machine units] Osnov
dinamiki mashinnykh agregatov. Moskva, Mashinostroenie,
1964. 238 p. (MLA 17:9)

S/035/62/000/006/049/064
A001/A101

AUTHORS: Zhudro, A. N., Klyuchanskaya, Ye. N., Edel'shteyn, D. V.

TITLE: Practice of using plastic materials in compiling, shaping and manufacturing printed forms for publishing maps

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 6, 1962, 24, abstract 60153 ("Sb. statey po kartogr.", 1961, no. 13, 47 - 68)

TEXT: The use of plastic materials in NRKCh made it possible to simplify the technological process of producing author's and publisher's originals and manufacturing printed forms at the expense of reducing photographic processes and eliminating the differentiating retouching. It is noted that the plastic "khostafan" is characterized by practically absent deformation, resistance to fractures and cracks. Practice of using "khostafan" in 1961 is described in detail. A special glue (natural rubber - 20 g, aviation gasoline - 600-700 ml, colophony - 65 g) is successfully used when conducting assembly work on the surface of "khostafan". Publisher's drawing of all elements on "khostafan" is performed with conventional drawing tools on such a number of originals which corresponds to the numbers of colors on the map being published; photo paper.

Card 1/3

Practice of using...

S/035/62/000/006/049/064
A001/A101

with a removable layer is used for shaping signatures. Working positives are manufactured from the finished originals by the method of coloring in bulk on celluloid base (collodion solution is applied to "khostafan" on the gloss side; printed forms are copied from the positives. The content of a map is checked on the superposed imprint. Shaping of publisher's originals of a fine drawing is performed by the method of engraving on the layer prepared according to the prescription elaborated at ЦНИИГАИК (TsNIIGAİK): dry roller paste ЦБП (SVP) on titanium white - 300 g, colophony - 126 g, "alloy" (100 g vaseline oil and 25 g colophony) - 54 g, dibutyl phthalate - 6-10 ml; rectified alcohol - 1,000 ml; butyl acetate - 660 ml. Special engraving instruments are used. Contour copies are made by the method of washed-off relief with coloring by blue dyestuff. A table is presented on the results of checking on how uniformly various copying and other solutions are distributed on the dull and gloss sides of "khostafan", and how stable they are retained. Work is continuing on checking the use of "khostafan" instead of glass for manufacturing bromium-silver negatives and diapositives; the work of an experimental laboratory is described which manufactures silver-free copies on "khostafan" by the washed-off relief and refines the technique of manufacturing duplicates. To manufacture copies on "khostafan" by

Card 2/3

Practice of using...

S/035/62/000/006/049/064
A001/A101

the coloring method, it is necessary to apply preliminarily 2% collodion on its gloss side, and after its drying to apply chrome solution of the Siberian larch gum. Coloring of nitrofilms is performed with a dyestuff according to the prescription: solution A - dyestuff induline - 48 g, rectified ethyl alcohol - 800 ml, solution (B) - brown fatty dyestuff - 24 g, butyl acetate - 80 ml. To clear up the feasibility of copying from "khostafan" in direct and reverse images, two printed forms were manufactured: On one of them, the positive was placed during copying with emulsion layer toward the copying layer, on the other, by the layer upward; no visual difference in printed imprints from these forms was noticed.

I. Mityachkin

[Abstracter's note: Complete translation]

Card 3/3

EXCERPTA MEDICA Sec 7 Vol. 11/11 Pediatrics Nov 57

EDELSTEIN, E.A.

2968. EDELSTEIN E.A. *The clinical picture of influenzal encephalitis in children (Russian text) PEDIATRIJA 1957, 2:1 (50-53)
In the winter-season 1954/55 the frequency of influenzal encephalitis was higher than in the previous years. In the season mentioned 12 cases occurred while in the previous years there were from 0-2 cases yearly. The disease was caused by influenza virus B which was proven in 11 cases by virological studies. The patients were from 0-7 yr. old. The prodromal stage was usually very short lasting in 8 cases one day or less; it was characterized by irritability, catarrhal signs but often very mild ones, and in older children headaches. The temperature ranged from subfebrile to very high values. The features of encephalitis were quite uniform: high fever, loss of consciousness, tonic-clonic convulsions, loss of outward movement of the eyes followed by paresis of the extremities. On the basis of the clinical symptoms it can be deduced that the cortex of the brain is affected early and intensively. In the majority of the cases (7) signs of an affection of the white matter in the region of the middle cerebrum dominated. In the majority of the cases the disturbed functions quickly returned to normal. Najman - Zagreb (XX, 7,8)

Children's Clinical hospital. #1

EDEL'SHTEYN, E. A.

COUNTRY : USSR
CATEGORY : Pharmacology and Toxicology. Cholinergic Agents
ABS. JOUR. : RZhBiol., No. 5 1959, No. 23140
AUTHOR : Edel'shteyn, E. A.
INST. :
TITLE : On the Use of New Preparations in the Treatment of Progressive Muscular Dystrophies
OPIC. PUB. : Zh. nevropatol. i psikhatrii, 1957, 57, No 7, 856-859
ABSTRACT : A report on the results of the treatment of 11 children with subcutaneous injections of galanthamine with simultaneous administration of pachy-carpine, per os, is presented. In 7 patients a good result was obtained, and in 3 there was a slight improvement; in one with a 7-year duration of the disease and sharply marked contractures, there was no effect. The treatment with pachy-

Card:

1/3

15

COUNTRY :	V
CATEGORY :	
ABS. JOUR. :	RZhBiol., No. 5 1959, No. 23140
AUTHOR :	
INST. :	
TITLE :	
ORIG. PUB. :	
ABSTRACT cont'd :	carpine was also combined with the preparation leucine (composition: leucine 3%, glycine 3%, glutamic acid 0.5%, glucose 10%, sorbose 5%, sodium chloride 1%) which was prescribed to the children per os, 3 times a day, up to the age of 5 years a teaspoonful, from 5 to 7 years a dessertspoonful, and over ten years a table-spoonful, for a period of one month (treatment with pachycarpine also lasted the same length of time). Leucine was also applied intravenously.
Card:	2/3

EDEL'SHTEYN, B.A.

Clinical characteristics of cerebral involvement in influenza
A2 in children. [with summary in French]. Zhur.nevr. i psikh.
58 no.7:793-800 '58 (MIRA 11:?)

1. Iz detskoy klinicheskoy bol'nitsy No.1 (glavnyy vrach Ye.V. Prokhorovich) i kliniki ostrykh nervnykh infektsiy Gosudarstvennogo pediatricheskogo inistituta RSFSR (sav. - prof. D.S. Futer).
(BRAIN, disenes,
in influenza A2 in child. (Rus))
(INFLUENZA, in infant and child.
A2, causing brain dis. (Rus))

EDEL'SHTEYN, E.A.; SERGEYCHUK, Ye.V.

Clinical and therapeutic aspects of progressive muscular dystrophies in children. Zhur. nevr. i psikh. 63 no.7:974-978 '63. (MIRA 17:7)

1. Detskaya klinicheskaya bol'nitsa No.1 (glavnyy vrach Ye.V. Prokhorovich, nauchnyy rukovoditel' prof. D.S. Futer).

EDEL'SHTEYN, G. F.

Edel'shteyn, G. F. "Selecting a carbon voltage regulator,"
(On the basis of an article by I. N. Myasnikov and M. Yu.
Posherstnik entitled "The selection of an automatic carbon
voltage regulator," in Vestnik elektroprom-sti, 1948,
No 9), Vestnik elektroprom-sti, 1949, No. 5, p. 18-19

SO: U-5241, 17 December 1953, (Letopis 'Zhurnal 'nykh Statey, No. 26, 1949)

EDEL'SHTEYN, G.F.

AID P - 1468

Subject : USSR/Electricity

Card 1/2 Pub. 27 - 19/36

Author : Edel'shteyn, G. F., Eng., Cheboksary

Title : Saturable current transformers with short-circuited turns for relay protection (Discussion of the article by A. D. Drozdov, Elektrichestvo, No.10, 1953)

Periodical : Elektrichestvo, 2, 64-65, F 1955

Abstract : The author discusses (in refutation of the article cited) the performance of saturable current transformers on the basis of tests which he made in 1952-1953. A. D. Drozdov had proposed adding a special short-circuited winding which when passed by a large aperiodic component of the transient current, pre-magnetizes the core and thus reduces the sensitivity of the system for the duration of the out-of-balance current and prevents the undesirable

AID P - 1468

Elektrichestvo, 2, 64-65, F 1955

Card 2/2 Pub. 27 - 19/36

operation of the relays. This and other details are analysed by the author who obtained somewhat different results from A. D. Drozdov's. However, he entirely approves the use of this type of transformers and suggests certain modifications in structure. One diagram.

Institution: None

Submitted : No date

AID P - 2914

Subject : USSR/Electricity
Card 1/1 Pub. 26 - 11/32
Author : Edelshteyn, G. F., Eng.
Title : Improved differential current relay protection
Periodical : Elek, sta, 7, 38-39, J1 1955
Abstract : The differential protection of power transformers by means of current relay and saturable current transformers is discussed. The use and operation of current transformers with auxiliary magnetizing and short-circuited windings is analyzed. A new design of relay (type ET-521/0.2) fitted together with saturable current transformers is recommended. Three diagrams. One Russian reference, 1953.
Institution : None
Submitted : No date

EDEL'SHTEYN, E. F.
EDEL'SHTEYN, G. F.

"Relay and Breaking Devices for the Protection of Electrical Systems,"
pp 167-173, 111

Abst: Some characteristics are given of the more important relay and breaking protection devices developed and utilized in production for the period 1950-1955.

SOURCE: Raboty MER SSSR po Mekhan. i Avtomatizatsii Narodn. Khoz. (Work of the Ministry of the Electrical Engineering Industry USSR on Mechanization and Automation in the National Economy), Part 3, Moscow, TsBTI, 1956

Sum 1854

EDEL'SHTAYN, G.F., inzh.

New apparatus for differential protection of transformers. Elek.
sta.29 no.3:72-75 Mr '58. (MIRA 11:5)
(Electric transformers)

EDEL'SHTEYN, G. L.

"Bicycle for Use in Physical Therapy for Patients with Congenital Femoral Dislocation," Vest. Khirurgii, 68, No.2, 1948

Chair Orthopedics and Prosthesis, Inst. Advanced Training for Physicians im. S.M.Kirov

~~EDEL'SHTAYN, G.L.~~

Clinical follow-up of bone plastic surgery. Vest.khir.Grakova 70
no.6:34-40 1950. (GLML 20:5)

1. Of the Department of Orthopedics and Prothetics of the Institute
for the Advanced Training of Physicians imeni S.M.Kirov (Head of Departm.
M.I.Kuslik; Director of Institute—G.A.Znamenskiy), Leningrad.

EDEL'SHTEYN, G.L., kandidat meditsinskikh nauk, Stalinsk, Kemerovskoy
oblasti, ul. Suvorova, d.5, kv.54.

Modified arch for skeletal traction of the lower extremity extended at the hip joint. Vest.khir. 75 no.5:126-127 Je '55 (MLRA 8:10)

1. Iz kafedry ortopedii i protesirovaniya (sav.prof. M.I. Kuslik)
Gosudarstvennogo ordena Lenina Instituta usovershenstvovaniya
vrachey im. S.M. Kirova.

(HIP, fractures,
traction, technic)

(FRACTURES,
hip, traction, technic)

~~EDLISHENY, G. I.~~

Durability of bone transplants in various periods of their transformation; experimental research. Ortop.travm. i protes. 17 no.6: 30-34 N-D '56. (MIRA 10:2)

1. Iz Sverdlovskogo instituta vosstanovitel'noy khirurgii, travmatologii i ortopedii (dir. - chlen-korrespondent AMN SSSR prof. F.R. Bogdanov)

(BONNS, transpl.

exper., durability of grafts in various periods of their transformation)

EDEL'SHTEYN, G. L. Doc Med Sci -- (diss) "Bone Auto- and Hetero-
~~XXXXXXXX~~ plasty. (Adjustment of Transplants for their Individual
and Combined Application in the Clinic and in Experiments)."
Sverdlovsk, 1957. 17 pp 22 cm. (Sverdlovsk State Medical Inst),
200 copies (KL, 26-57, 112)

- 106 -

USSR / General Problems of Pathology: Transplantation of Tissue and Tissue Therapy. U

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 13527

Author : Edel'shteyn, G. [3]

Inst : -

Title : The Endurance of Bone Transplants in Various Periods of Their Rebuilding (Experimental Investigation).

Orig Pub : V sb.: Vopr. vosstanovit. khirurgii, travmatol. i ortopedii. T. 6, Sverdlovsk, 1957, 172-177

Abstract : The radius was removed from rabbits; the periosteum was scraped off it and then the bone was reimplanted. At the 11th day after the operation, the stability of the reimplant was 98.8% of the original; the bone tissue was amorphous; the nuclei of osteocytes were not pigmented. At

Card 1/2

EDEL'SHTEYN, G.L., starshiy nauchnyy sotrudnik

Utilization of the principal phalange of the big toe for the reconstruction of the first metatarsal bone following extensive resection for hallux valgus. Ortop.travm. i protes. 20 no.2:55-56 F '59.

(MIRA 12:12)

1. Iz Sverdlovskogo nauchno-issledovatel'skogo instituta travmatologii i ortopedii (dir. - chlen-korrespondent AMN SSSR prof. F.R. Bogdanov).

(HALLUX, surg.

resection of first metatarsal bone in hallux valgus, utilisation fo principal phalange of big toe for reconstruction (Rus))

EDEL'SHTEYN, G.L., prof.; SMIRNOVA, Ye.Ye.; GORBUNOVA, Z.K.

Etiology of scoliosis and kyphoscoliosis. Zdrav. Kazakh. 21 no.1:
12-16 '61; (MIRA 14:3)

1. Iz kafedry travmatologii i ortopedii (zav. - professor G.L. Edel'shteyn) Kazakhskogo meditsinskogo instituta i Sverdlovskogo instituta travmatologii i ortopedii.
(SPINE--ABNORMALITIES AND DEFORMITIES)

EDEL'SHTEYN, G. L., prof.; UDALOVA, N. F., nauchnyy sotrudnik;
~~GORBUNOVA, Z. K., nauchnyy sotrudnik;~~ SMIRNOVA, Ye. Ye., starshiy
nauchnyy sotrudnik

X-ray characteristics of lateral curvature of the spine. Zdrav.
Kazakh. no.4:19-23 '62. (MIRA 15:6)

1. Iz Sverdlovskogo Nauchno-issledovatel'skogo instituta trav-
matologii i ortopedii (direktor - kandidat meditsinskikh nauk
Z. P. Lubgina) i Kazakhskogo meditsinskogo instituta (direktor -
professor R. I. Samarin)

(SPINE--ABNORMALITIES AND DEFORMITIES)

L 22453-65

IN No: ARI.001/202

NO. 10001

NO. 10001

Author: Edel'shteyn, G. L.

Title: Biological properties of bone replants subjected to certain physical effects

Source: Tr. 35 Itog. naukn. konferentsii. Alma-Atinsk. med. univ. Alma-Ata, 1963, 75-79

Subject: rabbit, bone, bone graft, autograft, heterograft, physical effect, freezing, bone marrow

TRANSLATION: A piece of bone together with the periosteum 1 cm in length was sawed from the middle third of the radial bone in rabbits under local anesthesia. These bone sections were subjected to various physical treatments for 15 minutes: freezing at -20°C, boiling in water, autoclaving at 120°C, and sterilization of 150 kV. The bone was replanted in its normal position after being treated or receiving no treatment. The results of the replantation of untreated bone: microscopic investigations on

Card 1/2

L 22453-65

ACCESSION NR: AR4046202

the 7th and 12th days disclosed mass death of osteocytes, periosteal reaction, and necrotization of transplant bone marrow. Accretion of transplant and bone ends took place with partial bone marrow replacement by the 20th-30th day after transplantation. The bone marrow of the part of the transplant, which was not replaced, was the same as that of the transplant.

in experiments with freezing and ultrasonics.

SUB CODE: LS

ENCL: 00

Page 2/2

EDEL'SHTEYN, G.L., prof. (Alma-Ata, ul. Mira, d. 107, Nr.11)

Two cases of surgical treatment of pes equinus developing
from scleroderma. Ortop. travm. i protez. 24 no.2:71-72
F'63. (MIRA 16:10)

1. Iz kafedry travmatologii i ortopedii (zav. - prof. G.L.
Edel'shteyn) Kazakhskogo meditsinskogo instituta (rektor -
prof. R.I.Samarin).

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EDEL'SHTEYN, G.L., prof. (Alma-Ata, ul.Mira,d.107,kv.11)

Simple method for selection of the osteosynthesis pins in femoral neck fractures. Ortop., travm. i protez. 24 no.3: 67-68 Mr '63. (MIRA 17:2)

1. Iz kafedry ortopedii i travmatologii (zav. - prof. G.L. Edel'shteyn) Kazakhskogo meditsinskogo instituta (rektor - prof. R.I. Samarin).

EDEL'SHTEYN, I. A.

Co

11 L

PROCESSES AND PROPERTIES IN THE TISSUES.

The rate of penetration and diffusion of acetylcholine in the tissues. I. A. Edel'shteyn. *Bull. Acad. Sci. USSR Div. Biol. Sci. Ser. Physiol. Zool.* 1957, No. 1, p. 115-120. The application of 1.1000 ml. of acetylcholine (I) to the exposed bifurcation of the common carotid artery and to its trunk at the clavicular level causes a drop in blood pressure within 12 sec. Upon application of I to the fascia lata and the fascia propria of the anterior femoral muscles the reaction is observed in 21 sec. These periods are taken as the time necessary for I to penetrate and diffuse through the tissues.

S. A. Kartala

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

1300: 510 02104

107380 24

107002 145 049 100

0111101

1120: 02104

01111 040 049 111

EDEL'SHTEYN, I. A.

37568. Voprosu Ob Obrazovanii Mediatorov V Nervnykh Stvolakh. (Iz Kand. Dissertatsii). Soobshch. I. Uchen. Zapiski Viteb. Vet. In-Ta, T. IX, 1949, s.57-66--Bibliograf: 43 Nazv.

SO: Letopis' Zhurnal 'nykh Statey, Vol. 37, 1949

CVL 012 11, 11

USSR / Pharmacology. Toxicology.

V

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 14090
Author : Berenshteyn, F. Ya.; Edel'shteyn, I. A.
Inst : -
Title : On the Influence of Cadmium and Zinc Salts on
Blood Pressure in Animals.
Orig Pub : Farmakol. i toksikologiya, 1957, 20, No. 6, 67-
69

Abstract : Investigations were conducted on 40 dogs which
were under morphine-ether-chloroform narcosis.
Solutions of $CdCl_2$ (I), $Cd(NO_3)_2$ (II) were in-
troduced in doses of 0.01-5 mg/kg, and $ZnSO_4$
(III) in a dose of 0.1-5 mg/kg (by recalculating
per pure metal) into the general blood circula-
tion through the femoral and jugular veins,
femoral and carotid arteries. Blood pressure

Card 1/2

USSR / Pharmacology. Toxicology.

V

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 14090

was registered in the femoral artery. Introduction of I, II, and III into the blood stream induces the lowering of blood pressure (up to 56 mm of mercury column). I and II possess a more expressed hypotensive action in comparison to III. Simultaneous introduction of adrenalin with I, II and III decreased the hypertensive action of the adrenalin. Preliminary introduction of a 0.2-0.3% solution of cysteine (20-25 mg/kg) into the femoral vein considerably decreases the depressive action of I and II and does not noticeably affect the action of III. -- R. S. Vorob'yeva.

Card 2/2

EDEL'SHTEYN, I.A.

Changes in the excitability of intestinal chemical receptors under the influence of toxins of ascarids. *Biul. eksp. biol. i med.* 43 no.1 supplement:111-112 '57. (MIRA 10:3)

1. Iz patofiziologicheskoy laboratorii (zav. - dotsent I.A.Edel'shteyn) Vitebskogo veterinarnogo instituta (dir. - prof. V.F.Lomesh) Predstavlena deystvitel'nyy chlenom AMN SSSR V.N.Chernigovskim.

(INTESTINES, physiol.

eff. of ascaris toxins on chemoreceptors in cats)

(ASCARIS

toxin, eff. on chemoreceptors of intestines in cats)

EDEL'SHTEYN, I.A.

Role of interoception in the toxic reaction to Ascaris. Med. paras. i
paraz. bol. 27 no.4:408-414 JI-Ag '58. (MIRA 12:2)

1. Iz Vitebskogo veterinarnogo instituta (dir. - prof. V.F. Lemesh).
(ASCARIS,
tox. interoceptive intestinal & vasc. reactions to extracts (Rus))
(INTESTINES, physiology,
tox. interoceptive reactions to Ascaris extracts (Rus))
(BLOOD VESSELS, physiology,
same)

EDEL'SHTEYN, I.A.

Effect of acid and alkaline substances on intestinal chemoreceptors
in ascoid intoxication. Biul. eksp. biol. med. 47 no.5:65-67 My '59.
(MIRA 12:7)

1. Iz Vitebskogo veterinarnogo instituta (dir. - prof. V.F. Lemesh).
Predstavlena deystvitel'nym chlenom AMN SSSR V. N. Chernigovskim.

(ASCARIS,

eff. of Ascaris extract on intestinal reactions to
alkaline & acid chem. substances (Rus))

(INTESTINES, physiol.
same)

EDEL'SHTEYN, I.A.

Impairment of chemoreception in ascariasis intoxication. Vestsi
AN BSSR. Ser.bial.nav. no.1:89-102 '60. (MIRA 13:6)
(RECEPTORS (NEUROLOGY)) (ASCARIS AND ASCARIASIS)

EDEL'SHTEYN, I.A.

Cysteine normalization of interoceptive reflexes modified by the effect of toxic substances from Ascaris. Biul. eksp. biol. i med. 49 no. 5:82-87 My '60. (MIRA 13:12)

1. Iz kafedry normal'noy i patologicheskoy fiziologii (ispolnyayushchiy obyazannosti zaveduyushchego - dotsent I.A. Edel'shteyn) Vitebskogo veterinarnogo instituta (dir. - prof. V.F. Lemesh). Predstavlena deystvitel'nyim chlanom AMN SSSR V.V. Parinym. (CYSTEINE) (REFLEXES) (ASCARIOS AND ASCARIASIS)

KARTASHOV, K.N., kand.tekhn.nauk; EDEL'SHTEYN, I.G., inzh.

Precast steel and reinforced concrete coverings of industrial
buildings. Stroitel'stvo no.11:34-37 N '59.
(MIRA 13:2)

(Girders) (Building, Iron and steel)

EDEL'SHTEYN, I. I.

15-57-7-9523

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
pp 113-114 (USSR)

AUTHOR: Edel'shteyn, I. I.

TITLE: The Essential Weathering Products on the Ultrabasic
Rocks of the Buryktal'skiy Massiv (Mass) (Veshchest-
vennyy sostav produktov vyvetrivaniya na ul'traosnovnykh
porodakh Buryktal'skogo massiva)

PERIODICAL: V sb: materialy po geol. i poleznym iskopayemym
Yuzhnogo Urala. Nr 1, Moscow, Gosgeoltekhizdat, 1956,
pp 38-58.

ABSTRACT: The Buryktal'skiy serpentinite mass occurs in meta-
morphic schists, siliceous rocks, and volcanic rocks of
Precambrian and lower Paleozoic age. The weathering
crust has a normal nontronite profile and is divided
into five zones: 1) carbonatized serpentinite (the
root of the weathering crust)--a vein network of
aragonite, magnesite, and calcite in slightly altered
serpentinite; 2) leached serpentinite, with a small

Card 1/3

15-57-7-9523

The Essential Weathering Products on the Ultrabasic (Cont.)

quantity of nontronite; 3) nontronitized serpentinite--nontronite with relics of antigorite, chrysotile, and serpophyte in quantities of 15 to 20 percent; 4) green nontronite with a schistose structure; 5) ochre. The principal minerals in the ochre are hydrogoethite, goethite, ferrihalloysite, hydrohematite, rare nontronite, hematite, manganese minerals (including cobaltite-bearing wad--aluminum-cobalt and aluminum-nickel varieties), silica minerals, talc, and carbonates. Relict minerals are magnetite, chrome spinel, antigorite, and chrysotile. The chemical analyses of the hydrogoethite (from two analyses, in percent) are SiO_2 9.21 and 18.20, Al_2O_3 3.45 and 12.64, Fe_2O_3 74.05 and 53.77, FeO 0.80 and a trace, TiO_2 a trace, CaO 1.01 and 0.60, MgO 0.26 and 1.25, MnO a trace and 0.53, H_2O 11.85 and 12.72; total 100.53 and 99.71. The chemical composition of the goethite (in percent) is SiO_2 7.92, Al_2O_3 2.18, Fe_2O_3 77.44, FeO a trace, TiO_2 0.40, CaO 1.66, MgO 0.20, MnO a trace, H_2O^+ 10.12; total 99.41. The chemical composition of the ferrihalloysite (in percent) is SiO_2 41.68, Al_2O_3 17.02, Fe_2O_3 25.96, TiO_2 a trace, FeO a trace, CaO 0.33, MgO 4.95, MnO 0.16, H_2O^+ 9.30; total 99.40. The limits of Card 2/3

15-57-7-9523

The Essential Weathering Products on the Ultrabasic (Cont.)

the chemical composition of nontronite, from nine analyses, are (in percent) SiO_2 36.60 to 50.54, TiO_2 a trace (1 determination), Al_2O_3 3.32 to 11.06, Fe_2O_3 20.60 to 37.00, Cr_2O_3 1.70 to 3.02 (3 determinations), FeO 0.16 to 0.93, MnO 0.03 to 0.11, MgO 1.65 to 10.85, CaO 0.30 to 2.60, NiO 0.91 to 1.96, $\text{K}_2\text{O} + \text{Na}_2\text{O}$ 0.21 to 1.48, H_2O^+ 7.50 to 10.91. The composite structural formula for the latter is $\text{Al}_{0.00-0.77} \text{Fe}_{0.99-2.06}^{3+} \text{Mg}_{0.22-1.05} \text{Ni}_{0.40-0.11} \text{Al}_{0.29-0.97} \text{Fe}_{0.00-0.70} \text{Si}_{2.89-3.60} \text{O}_{10} \text{OH}_2 + (\text{Na} + \text{K} + \text{Ca})_{0.14-0.33}$. The indices of refraction for green nontronite are n_g 1.550, n_m 1.540 to 1.542, n_p 1.538; for brown nontronite the indices are n_g 1.570 to 1.572, n_m 1.560 to 1.562, n_p 1.545 to 1.548; the birefringence ranges from 0.020 to 0.032. The author gives the results of differential thermal analyses, X-ray studies, and grain-size investigations on the described minerals.

Card 3/3

V. A. Vorob'yeva

EDEL'SHTEYN I.I.

Some criteria for distinguishing xenoliths from cross dikes
of the similar composition. Mat. po geol. i pol. iskop.
IUzh. Urala no.2:116-118 '60. (MIRA 14:3)
(Ural Mountains—Rocks, Igneous)

EDEL'SHEYN, I.I.

Supergene nickeliferous magnetite. Kora vyvetr. no. 3:72-
73 '60. (MIRA 13:12)

1. Yushno-Ural'skoye geologicheskoye upravleniye.
(Orenburg Province--Magnetite)

EDEL' SHTEYN, I.I.

Geochemistry of nickel. Geokhimiia no.7:601-609 '60.

(Nickel)

(MIRA 13:11)

(Geochemistry)

VODOREZOV, G.I.; EDEL'SHTEYN, I.I.

Buryktal nickel-bearing region. Mat. po geol. i pol. iskop.
IUzh. Urala no. 3:159-177 '62. (MIRA 17:7)

EDEL'SHTEYN, I.I.

Role of disjunctive dislocations in the formation of supergene deposits of nickel and cobalt. Razved. i okh. nedr 28 no.2:5-9
F '62. (MIRA 15:3)

1. Yuzhno-Ural'skoye geologicheskoye upravleniye.
(Ural Mountains--Nickel) (Ural Mountains--Cobalt)

EDEL'SHTEYN, I.I.; NAUMOV, A.D.

Geological development of the Ural-Tobol interfluvium in the Mesozoic and Cenozoic in connection with the general conditions governing the formation of weathering deposits. *Biul. MOIP Otd. geol.* 37 no.6:50-61 N-D '62. (MIRA 16:8)

EDEL'SHTEYN, I.I.

Oxidation type of supergenic nickel mineralization.
Dokl. AN SSSR 165 no.4:918-920 D '65.

(MIRA 18:12)

1. Ivano-Frankovskiy filial L'vovskogo politekhnicheskogo
instituta. Submitted June 4, 1965.

BUGEL'SKIY, Yu.Yu.; VITOVSKAYA, I.V.; GODLEVSKIY, M.N.; ZVEREVA, Ye.A.; KORIN,
I.Z.; NIKITIN, K.K.; NIKITINA, A.P.; PISEMSKIY, G.V.; SAPOZHNIKOV, D.G.;
SOKOLOV, G.A.; CHUKHROV, F.V.; SHCHERBAKOV, D.I.; EDEL'SHTEYN, I.I.;
YANITSKIY, A.A.

Il'ia Isaakovich Ginzburg, 1882?-1965; obituary. Geol.rud.mestorozh.
7 no.4:109-110 J1-Ag '65. (MIRA 18:8)

EDEL'SHTEYN, Il'ya Vladimirovich; FILIPCHENKO, Vladimir Vasil'yevich;
SKRIPNIK, P.S. [Skrypnyk, P.S.], red.; GULETIKO, O.I.
[Hulenko, O.I.], tekhn. red.

[Establishing norms and planning the working capital of a
collective farms] Normuvannia i planuvannia oborotnykh ko-
shchiv kolhospu. Kyiv, Derzhsil'hospvydav URSR, 1962. 88 p.
(MIRA 16:12)

(Collective farms--Finance)

EDEL'SHTEYN, Il'ya Vladimirovich; DUKHLIY, Vasilii Alekseyevich; LEVIN,
Moisey Solomonovich; RYABENKO, A.I., red.; GULENKO, O.I.
[Hulenko, O.I.], tekhn. red.

[Financing and issuing credit to agricultural enterprises]
Finansirovanie i kreditovanie sel'skokhoziaistvennykh pred-
priiatii. Kiev, Gossel'khodzdat USSR, 1962. 347 p.
(MIRA 16:2)

(Agriculture—Finance)

S/065/60/000/011/004/009
E194/E484

AUTHORS: Kalantar, N.G., Fryazinov, V.V., Yevsyukov, Ye.I.,
Edel'shteyn, I.Ya. and Bondarenko, M.F.

TITLE: Transformer Oil From Distillates of Sulphurous
Eastern Crudes

PERIODICAL: Khimiya i tekhnologiya topliv i masel, 1960, No.11
pp.15-22

TEXT: Many attempts have been made to produce from sulphurous
crudes transformer oils of low sulphur content but this has always
led to over-refining so that transformer oil containing about
0.5% sulphur was too acid-forming in the standard oxidation test
unless 0.2 to 0.3% imported Topanol O (DBPC) were added to it.
The object of the present work was to study the refining of stable
transformer oil without the use of inhibitors. Preliminary study
of the composition of the sulphur compounds showed that the
distillates contained no free sulphur or hydrogen sulphide and that
distillates with an initial boiling point above 295 to 300°C did
not corrode the copper strip in the oxidation test (14 hours at
120°C with copper and iron catalyst, with flow of oxygen). The
work showed that it was not essential to reduce the sulphur
Card 1/4

S/065/60/000/011/004/009
E194/E484

Transformer Oil From Distillates of Sulphurous Eastern Crudes content to a very low level and that there was no need to neutralize the dewaxed distillates before solvent treatment. Accordingly, a series of solvent treatment tests were made on Tuymazy transformer oil distillate using from 100 to 300% volume of phenol containing 6% water. Refining was carried out in four stages with an upper temperature of 50°C and lower of 40°C. The raffinate was dewaxed in a solution of 60% methyl ethyl ketone and 40% toluol at 50 to 52°C (presumably minus) part of the dewaxed raffinate was treated with 5% earth and part with 2% of 95% sulphuric acid and 10% earth. All oils were oxidized by the standard test and the results are given in Table 1. The hydrocarbon structural analysis of the various oils produced is discussed, the initial solvent treatment greatly reduces the aromatics and there is a further marked reduction after 200% solvent treatment. There is no substantial reduction in naphthenic structures until 300% phenol treatment is reached. The first 100% phenol removes most of the sulphur that is removed. The results are confirmed by the ultra-violet absorption spectrogram shown in Fig.1. It was concluded that it is irrational to use more than 100 to 150% phenol because Card 2/4

S/065/60/000/011/004/009
E194/E484

Transformer Oil From Distillates of Sulphurous Eastern Crudes

this almost completely removes the polycyclic aromatics and impairs the desired ratio between hydrocarbon structures. It is concluded that optimum refining was obtained in the range of 100 to 150% phenol given a sulphur content ranging from 0.7 to 1.0. A finishing treatment with 2% sulphuric acid did not alter the nature of the oxidation test results, though acid treatment improved the oxidation test results on slightly under-refined oils and impaired them on slightly over-refined oils. The effect of over-refining by solvent treatment alone is described and illustrated with reference to the results given in Table 2 and Fig.2 which relate to trial runs of the refinery. Meanwhile the refinery had succeeded in producing an improved distillate which was a narrower cut that responded better to phenol treatment. The distillate was treated with 135% of phenol and then dewaxed at a temperature of -50°C . The yields and principal properties of the dewaxed oil before and after acid and earth treatment are given in Table 3, the oils fully satisfy the requirements of the standard for transformer oils but the acid treated oil is better in certain respects. Oils refined in this way are particularly

Card 3/4



S/065/60/000/011/004/009
E194/E484

Transformer Oil From Distillates of Sulphurous Eastern Crudes
stable under conditions of corona discharge unlike the normal
oils refined with 200% phenol. There are 2 figures, 3 tables
and 18 references: 9 Soviet, 8 English and 1 German.

ASSOCIATION: Otdel khimii Bashkirskogo filiala AN SSSR;
NU NPZ; Ufimskiy Neftyanoy institut
(Chemistry Department of the Bashkiria Branch of
AS USSR; Novo-Ufa Refinery; Ufa Petroleum Institute)



Card 4/4

KALANTAR, N.G.; FRYAZINOV, V.V.; YEVSYUKOV, Ye.I.; EDEL'SHTEYN,
I.Ya.; BONDARENKO, M.F.; Primali uchastiye: MANNAPOVA, V.S.,
mladshiy nauchnyy sotrudnik; YANOURAZOVA, D.I., mladshiy nauchnyy
sotrudnik; GABSATTAROVA, S.A., laborant; YUSUPOVA, P.S., laborant
KUZ'MINA, A.Ya., laborant

Transformer oil from the distillates of sulfur-bearing eastern
crudes. Khim.i tekhn.topl.i masel 5 no. 11:15-22 N '60.
(MIRA 13:11)

1. Otdel khimii Bashkirskogo filiala AN SSSR; Novo-Ufimskiy
neftepererabatyvayushchiy zavod; Ufimskiy neftyanoy institut.
2. Otdel khimii Bashkirskogo filiala AN SSSR (for Mannafova,
Yanguرازova, Gabsattarova, Yusupova, Kuz'mina).
(Insulating oil)

~~ИДЕЛНИКОВ И Я.~~

MAKSIMENKO, M.Z.; GALIYEV, A.F.; GUR'YANOV, A.I.; AKTUGANGA, ...S.; ~~EDELI~~
SHEYN, I.Ya.

Investigating certain designs of extraction apparatus in a
lubricant-phenol system. Nefteper. i neftekhim. no.6:41-44
'64. (MIRA 17:9)

1. Novo-Ufimskiy neftepererabatyvayushchiy zavod i Kazanskiy
khimiko-tekhnologicheskii institut.

EDEL'SHTEYN
GOLUBEV, G., student geograficheskogo fakul'teta; KRAMARENKO, B.,
student geograficheskogo fakul'teta; EDEL'SHTEYN, K., student
geograficheskogo fakul'teta.

The first expedition. Vokrug sveta no.5:2-4 My '55.
(MIRA 8:6)
(Kazakhstan--Scientific expeditions)

1-21-511-174 A
GOLUBEV, G., student; EDDEL'SHTEYN, K., student

Shadow on a cloud. Vokrug sveta no. 7:50 J1'55. (MLRA 8:10)

1. Moskovskiy gosudarstvennyy universitet.
(Meteorology)

GOLUBEV, G.N.; LAPTEV, M.N.; EDEL'SHTEYN, K.K.

Some methodological problems in studying the snow cover. Inform.
sbor.o rab.Geog.fak.Mosk.gos.un.po Mezhdunar.geofiz.godu no.3:
77-91 '58. (MIRA 13:5)

(Snow)

EDEL'SHTEYN, K.K.

Effect of the level of Rybinsk Reservoir on currents caused by the discharge of the Mologa River. Biul.Inst.biol.vodokhran. no.11:61-64 '61. (MIRA 15:8)

1. Institut biologii vodokhranilishch AN SSSR.
(RYBINSK RESERVOIR—HYDROLOGY)

BUTORIN, N.V.; EDEL'SHTEYN, K.K.

Using the electric bifilar current meter (EBV-7) in studying the currents of Rybinsk Reservoir. Biul.Inst.biol.vodokhran. no.11: 65-68 '61. (MIRA 15:8)

1. Institut biologii vodokhranilishch AN SSSR.
(RYBINSK RESERVOIR--HYDROLOGY)

EDEL'SHTEYN, K.K.

Thermocline and its dynamics in Rybinsk Reservoir. Trudy Inst.
biol. vnutr. vod no.6:250-257 '63. (MIRA 18:1)

EDEL'SHTEYN, K.K.

Improving the calculating method of deep flows measured by double floats. Meteor. i gidrol. no.10:43-46 0 '63. (MIRA 16:11)

1. Institut biologii vodokhranilishch AN SSSR.

5(3)

SOV/78-4-4-42/44

AUTHORS:

Nisel'son, L. A., Edel'shteyn, L. B., Ivanov-Emin, B. N.

TITLE:

Investigation of the System Benzene - Silicon Tetraiodide
(Izucheniye sistemy benzol-tetrayodid kremniya)

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 4, pp 954-956
(USSR)

ABSTRACT:

The authors investigated the system $\text{SiJ}_4\text{-C}_6\text{H}_6$. Silicon tetraiodide in pure state was obtained by distillation. C_6H_6 and SiJ_4 form a system of a simple eutectic type without chemical interaction of the components. The solubility of SiJ_4 in benzene was determined by a visual synthetic method. The data on the solubility virtually form a straight line in the coordinate system $1/T\text{-lg}N$, where T denotes the absolute temperature, and N the mole number of SiJ_4 . The solution heat of SiJ_4 in benzene amounts to 6.2 kcal/mole. The solubility of the iodides PJ_3 , Al_2J_6 , SbJ_3 , HgJ_2 and AsJ_3 in benzene was investigated; the results are contained in table 2. These compounds frequently

Card 1/2

SOV/78-4-4-42/44

Investigation of the System Benzene - Silicon Tetraiodide

act as impurities in silicon tetraiodide. Single crystallization does not yield purest silicon tetraiodide. The phase equilibrium crystals - liquid in the system $\text{SiI}_4\text{-C}_6\text{H}_6$ is characterized in a table. There are 1 figure, 2 tables, and 2 references, 1 of which is Soviet.

ASSOCIATION: Moskovskiy institut tsvetnykh metallov i zolota im. M. I. Kalinina (Moscow Institute of Nonferrous Metals and Gold imeni M. I. Kalinin)

SUBMITTED: November 22, 1958

Card 2/2

AGRANOVSKAYA, I.A.; ALYUSHINSKIY, Yu.A.; ASATKINA, Ye.F.; BOYTSOVA, Ye.P.;
BOCHARNIKOVA, A.D.; VOYEVODOVA, Ye.; GROMOVA, N.S.; ZAUVER, V.V.;
MARTYNOVA, Z.I.; PANOVA, L.A.; POKROVSKAYA, I.M.; ROMANOVSKAYA, G.M.;
SEDOVA, M.A.; STEL'MAK, N.K.; KHAYKINA, S.L.; EDEL'SHTEYN, L.I.
[deceased]; MAKRUSHIN, V.A.; tekhn.red.

[Atlas of upper Cretaceous, Paleocene and Eocene spore and pollen
complexes in certain regions of the U.S.S.R.] Atlas verkhnemelovykh,
paleotsenovykh i eotsenovykh sporovo-pyl'tsevykh kompleksov nekotorykh
raionov SSSR. Leningrad. 1960, 574 p. (Leningrad. Vsesoiuznyi geologi-
cheskii institut. Trudy, vol.30). (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut
Ministerstva geologii i okhrany neдр SSSR (for Alyushinskiy, Asatkina,
Boytsova, Gromova, Panova, Pokrovskaya, Romanovskaya, Sedova, Stel'mak,
Mil'shteyn). 2. Ural'skoye geologicheskoye upravleniye Ministerstva
geologii i okhrany neдр SSSR (for Agranovskaya, Bocharnikova, Marty-
nova). 3. Severo-Vostochnoye geologicheskoye upravleniye Ministerstva
geologii i okhrany neдр SSSR (for Voyevodova, Khaykina). 4. Lenin-
gradskiy filial Gidroproyekta Ministerstva elektrostantsiy (for Zauver).
(Palynology)

EDEL'SHTEYN, L.L.; SARIUSH-ZALESSKIY, Yu.F.

Spring compressor for stopping hemorrhages in surgery of the
tonsils. Vest. oto-rin. 17 no.5:75-76 S-0 '55. (MLBA 9:2)

(HEMORRHAGE) (TONSILS--SURGERY)
(SURGICAL INSTRUMENTS AND APPARATUS)

EDEL'SHEYN, L.L.

How to prevent evaporation of ethyl chloride from an open flask.
Med.sestra 16 no.6:22 Je '57. (MLRA 10:8)

1. Iz Romanovskoy rayonnoy bol'nitsy Rostovskoy oblasti
(ETHYL CHLORIDE)

EDEL'SHTEYN, L.I.

Three-year experience in conducting mass examinations at the
Rostov Province Tuberculosis Hospital. Probl. tub. 42 no. 3:11-12
'64. (MIRA 18:1)

1. TSimlyanskaya oblastnaya tuberkuleznaya bol'nitsa.

~~EDDEL' SHTEYN, M.I., inzh.~~

Efficiency of newly designed spherical roller bearings. Vest.
TSNII MPS 17 no.6:27-30. S '58. (MIRA 11:11)
(Roller bearings)

EDEL'SHTEYN, M. I.: Master Tech Sci (diss) -- "Investigation of the operation of spherical railroad roller bearings". Moscow, 1959. 20 pp (Min Transportation USSR, All-Union Sci Res Inst of Railroad Transport), 150 copies (KL, No 11, 1959, 120)

EDEL'SHTEYN, M.I., kand.tekhn.nauk

Accuracy norms and service life of the rolling stock roller bearings.
Trudy TSNII MPS no.221:56-71 '61. (MIRA 15:1)
(Roller bearings)

EDEL'SHTEYN, M.I., kand.tekhn.nauk; PROSKURINA, Yu.M., inzh.

Reconditioning of the radial clearances of cylindrical roller bearings.

Vest.TSNII MPS 22 no.1:47-50 '63. (MIRA 16:4)

(Roller bearings—Maintenance and repair)

PETROV, V.A., kand. tekhn. nauk; EDEL'SHTEYN, M.I., kand. tekhn. nauk;
PROSKURINA, Yu.M., inzh.; POLYAKOV, A.I., inzh.; MOTOVILOV,
K.V., inzh.; PINI, V.Ye., inzh.

Optimum value of radial clearances for roller bearings of
railroad cars. Vest. TSNII MPS 22 no.7:44-47 '63. (MIRA 16:12)

EDEL'SHTEYN, M.I., kand.tekhn.nauk; PINI, V.Ye., inzh.

Efficient use of locomotive ball bearings. Vest.TSNII MPS 23
no.2:42-44 '64. (MIRA 17:3)

EDRL'SHTEYN, M.I., kard.tekhn.neuk; PINI, V.Ye., inzh.

Methods for the repair and testing of locomotive roller- and
ball-bearings. Trudy TSNII MPS no.288:165-184 '65.

(MIRA 18:10)

EDEL'SHTEYN, M. M.

15

CA

Fertilization of sugar beets before harvesting. M. M. Edel'shtejn. *Sukharnaya Press*, No. 5, 30-41 (1950).
Solutions of superphosphate contg. 1.7% P₂O₅ and 0.6% KCl, when sprayed from a plane on sugar beet foliage in the latter part of August and not later than 10 days before harvest, increase the sucrose content of beets by about 2% and yield of beets by 10%. V. F. Raikov

EDEL'SHTEYN, M.M. ..

YAKUSHKIN, I. V., Acad., ~~EDEL'SHTEYN, M.M.~~

Beets and Beet Sugar

Pre-harvest feeding of sugar beets through the leaves. Agrobiologia No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

EDEL'SHTEYN, M.M.

1. YAKUSHKIN, I. V. : YEDEL'SHTEYN, M. M.

2. USSR (600)

4. Beets and Beet Sugar

7. Pre-harvest leaf feeding as a method for increasing sugar content of the sugar beet. Dost. sel'khoz no. 5, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

EDEL'SHTEYN, M.M.

YAKUSHKIN, I.V., deystvitel'nyy chlen, laureat Stalinskoy premii; ~~EDEL'SHTEYN,~~

~~M.M.~~
Preharvest plant food for beets. Nauka i zhizn' 20 no.5:39 My '53.
(MLRA 6:6)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I. Lenina.
(Beets and beet sugar)

LADYGIN, Ivan Yakovlevich, kand. sel'khoz. nauk, nauchnyy sotr.;
IVANOV, Aleksey Sergeevich, nauchnyy sotr.; EDEL'SHTEYN,
M.M., kand. sel'khoz. nauk, nauchnyy red.; SHILEYKIN, P.A.,
red.; NAZAROVA, A.S., tekhn. red.

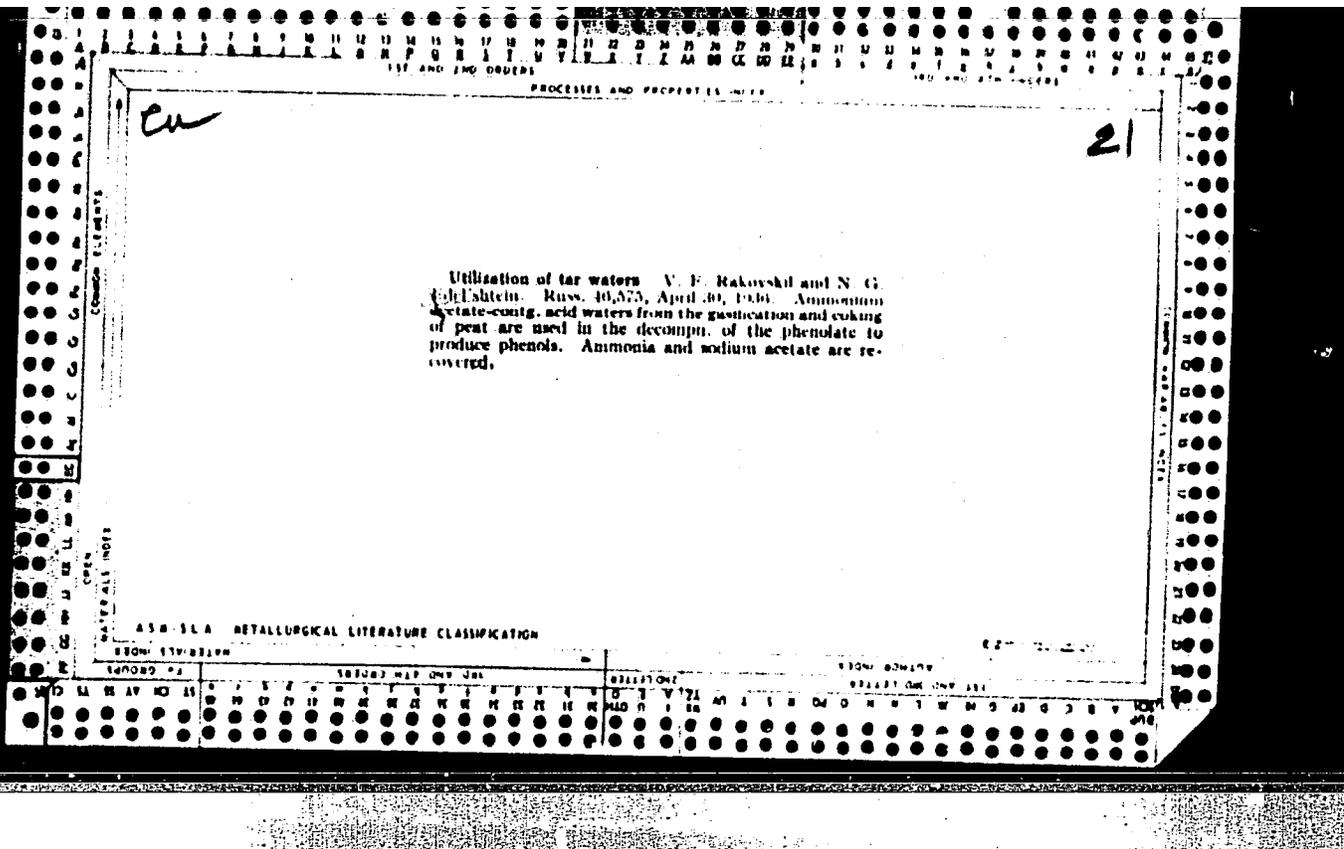
[Principles governing the use of fertilizers]Osnovy primene-
niia udobrenii. Moskva, Izd-vo "Znanie," 1962. 37 p. (Na-
rodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet,
no.12) (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut ekonomiki
sel'skogo khozyaystva (for Ladygin, Ivanov).
(Fertilizers and manures)

MAYSURYAN, N.A., akademik; EDEL'SHTEYN, M.M., kand.sel'skokhozyaystvennykh nauk; KAZ'MINA, V.K.

Effect of sowing dates on the content and composition of alkaloids in blue lupine. Zemledelie 25 no.1:36-44 Ja '63. (MIRA 16:4)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni Lenina (for Maysuryan). (Lupine) (Alkaloids)



PROCESSES AND PROPERTIES

FEDEL'SHTEYN, N. G. 92

CA

Sulfur compounds of shale tars from the Obschil Syrt region. N. Fedel'shtein. *Bull. Acad. Sci. U.S.S.R. Div. Chem. Sci.* 1947: 407-411. The investigations were carried out by the Paragher method. The tar obtained from Obschil Syrt shale contained 25% moisture, dist. was 1.0210, asphaltenes 13.02%, dust 0.31%, ash 0.14%, E_{500} 3.02, flash point 83°, temp. of solidification 3°, C 70.50%, H 0.20%, N 1.00% and S 7.78%. The percentage yields dist., flash point, kinematic η in centistokes, percentage contents of phenols and percentage contents of bases of the various tar fractions were, resp., up to 200° 10.08, 0.8732, 10, 0.011083, 12.45 and 2.32; 200-50° 18.02, 0.0177, 68, 0.023655, 17.02 and 2.83; 250-50°: 41.84, 0.0570, 104, 0.07980, 8.38 and 2.40. Tar, gas and loss were 30.0%. The content of S in all fractions before and after the treatments required by the Paragher method was detd. by the lamp method. The neutral distillates from the Obschil Syrt shales contain considerable amts. of S whose contents decrease gradually with the increase of the b. p. of the fractions. Thiophene and its homologs are predominant among the S compounds. The fraction b. p. up to 150° contained no S compounds, except thiophene. With the increase of the b. p. of the fractions, the content of sulfides first increases, then decreases. The high-boiling fractions contain H₂S, probably owing to the decumpr. of the less-stable S compounds. Seven references.

W. R. Henn

ASB-ILA METALLURGICAL LITERATURE CLASSIFICATION

STON: 51013174

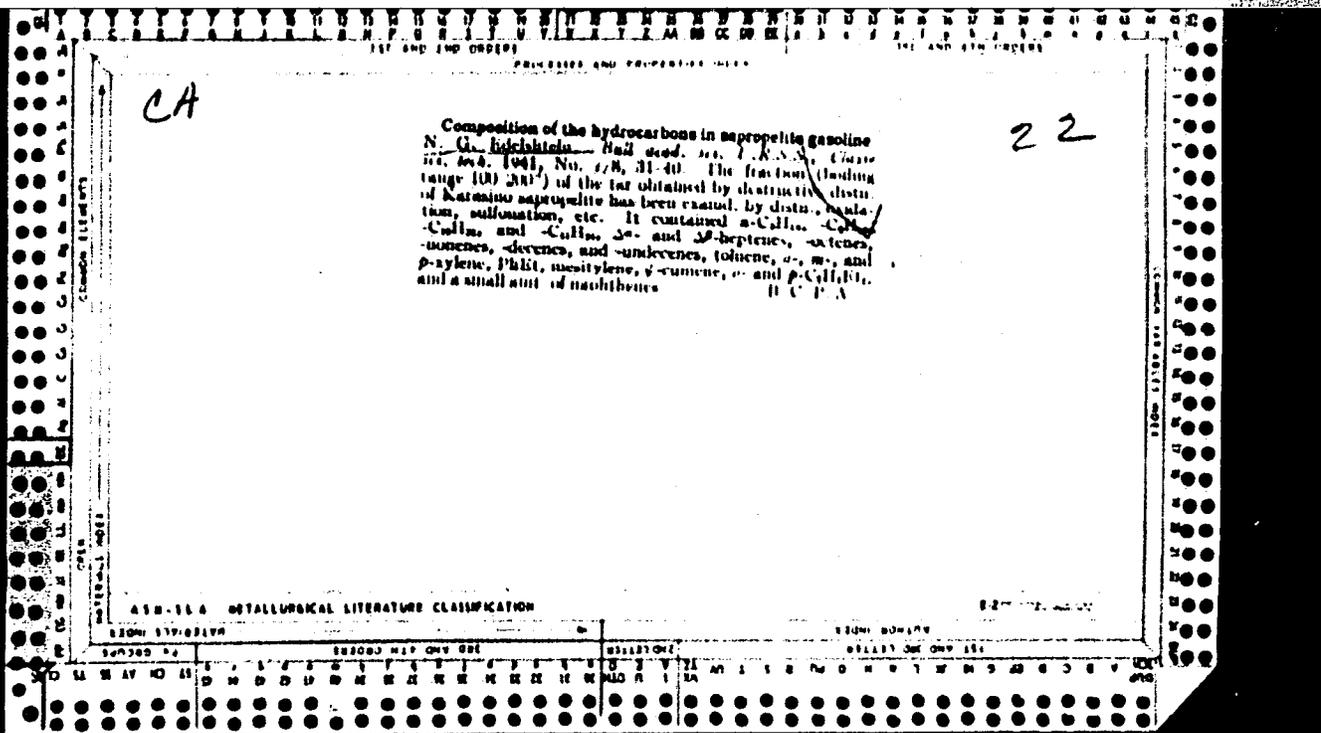
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RESEARCH

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1485. CHEMICAL AND TECHNICAL INVESTIGATION OF THE BITUMINOUS SHALES FROM THE MANTUROV DEPOSIT. Kazakov E I Edel'shtein N G and Chegis A F (J. Appl. Chem. (U.S.S.R.), 1943, 16, 72-77; J. Inst. Petrol, 1945, 31, 45A) Examination of a number of shales from the manturov deposit (Gorki area) showed these to be a possible source of liquid fuels. Analyses of the average and best (upper layer) shales gave the following results.

	Average, %	Best, %
Moisture	21.2	14.7
Ash	58.3	44.8
Sulphur (on dry)	4.6	5.6
Tar	12.9	18.2

The tar (d 0.966, S 6.3%, phenoles 2.9%) yielded the following cuts:

	Vol. d-%	D.	S, %
Gasoline (end point 200°C.)	21	0.824	7.0

EDEL'SHTEIN, N. G. F

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

157 AND 158 OBJECTS PROCESSES AND PROPERTIES INDEX

Intermediate cut (200-255°C.)	Vol. d-%	d.	S, h.
Diesel fuel (225-360°C.)	7	-	-
Residue	53	0.346	5.7
	14		

COMMON ELEMENTS

COMMON VARIABLES INDEX

ASH-STA METALLURGICAL LITERATURE CLASSIFICATION

FROM SYMBOLS

COLLECTIONS

FROM SYMBOLS

U S A I R O M A S T R O N A U T I C S

KLIMOV, B. K.
LANIN, V. A.
GOROKHOLINSKAYA, M. S. (deceased)
EDEL' SHETEYN, N.G.

"Motor Fuels from Coals in the Baykaimov Bed Deposit in the Irkutsk Basin".
Iz. Ak. Nauk, SSSR. Otdel, Tekh, Nauk. Nos. 10-11, 1944

BR-52059019